

Title (en)

WIRELESS CONNECTION SWITCHING METHOD AND TERMINAL

Title (de)

VERFAHREN ZUR DRAHTLOSVERBINDUNGSSUMSCHALTUNG UND ENDGERÄT

Title (fr)

TERMINAL ET PROCÉDÉ DE COMMUTATION DE CONNEXION SANS FIL

Publication

**EP 3550888 B1 20220824 (EN)**

Application

**EP 17882611 A 20170224**

Priority

- CN 201611210218 A 20161224
- CN 2017074769 W 20170224

Abstract (en)

[origin: EP3550888A1] Embodiments of this application relate to the communications field, and disclose a wireless connection switching method and a terminal. Information required for establishing a new wireless connection is negotiated by using an existing wireless connection. In this way, the terminal can fast establish the new wireless connection to a peer end based on the information negotiated by using the existing wireless connection, without performing a complex device discovery process to obtain information broadcast by the peer end, so that the wireless connection between the terminals is fast switched, and impact of wireless connection switching on communication between the terminal and the peer end can be avoided to some extent. A specific solution is as follows: A first terminal establishes a first wireless connection to a second terminal. When the first terminal needs to establish a second wireless connection to the second terminal, the first terminal negotiates, with the second terminal by using the first wireless connection, information required for establishing the second wireless connection. Subsequently, the first terminal can establish the second wireless connection to the second terminal based on the negotiated information required for establishing the second wireless connection.

IPC 8 full level

**H04W 8/00** (2009.01); **H04W 76/15** (2018.01); **H04W 76/14** (2018.01); **H04W 88/06** (2009.01)

CPC (source: EP US)

**H04W 8/005** (2013.01 - EP US); **H04W 76/14** (2018.01 - US); **H04W 76/15** (2018.01 - EP US); **H04W 88/06** (2013.01 - US); **H04W 76/14** (2018.01 - EP); **H04W 88/06** (2013.01 - EP)

Citation (examination)

- EP 3026942 A1 20160601 - NOKIA TECHNOLOGIES OY [FI]
- WO 2015122129 A1 20150820 - CANON KK [JP]

Cited by

US11871469B2; US11800337B2; WO2022035539A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 3550888 A1 20191009**; **EP 3550888 A4 20191204**; **EP 3550888 B1 20220824**; CN 109479226 A 20190315; US 10932313 B2 20210223; US 2020092926 A1 20200319; WO 2018113086 A1 20180628

DOCDB simple family (application)

**EP 17882611 A 20170224**; CN 2017074769 W 20170224; CN 201780024241 A 20170224; US 201716472902 A 20170224